

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 PRODUCT IDENTIFICATION

Product Name: **THERM-A-GAP A274**  
General Name: Thermally Conductive Gap Filler

## SECTION 2 COMPOSITION INFORMATION

<u>Components &amp; CAS. No.</u>	<u>Weight %</u>	<u>Exposure Limits</u>
Cured Silicone Resin Reinforced with Aluminum	< 40	Not Established.

This product is a cured silicone material. The ingredients listed below are encapsulated within the matrix, therefore, no exposure to these materials is expected during proper use/handling of this product.

Aluminum oxide 1344-28-1	> 60	OSHA PEL TWA: 15 mg/m <sup>3</sup> (total dust), 5 mg/m <sup>3</sup> (respirable fraction); ACGIH TLV TWA: 10 mg/m <sup>3</sup> .
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**NOTE:** This product may be supplied with an acrylic pressure sensitive adhesive (PSA) coating on one or both sides. The release liner covering the adhesive protects against skin contact with the adhesive. The chemical composition of the PSA is proprietary. No exposure limits have been established.

## SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: This material poses little or no immediate hazard. Thermal decomposition and burning may generate toxic by-products. Refer to other sections of the MSDS for more detailed information.

Routes of Entry: Skin contact.

### Acute Effects

Eye: Nonirritating under normal conditions of use.

Skin: Nonirritating under normal conditions of use.

Inhalation: Nonirritating under normal conditions of use.

Ingestion: No information available.

## **THERM-A-GAP A274**

Chronic Effects: No chronic health effects reported for this product.

Special Conditions Effects: None known.

Aggravated Medical Conditions: No data is available for this product mixture.

### **SECTION 4 FIRST AID MEASURES**

Handle in accordance with good industrial hygiene and safety practices by avoiding unnecessary exposure and by removing material from the eyes, skin and clothing.

Eye: No first aid should be necessary.

Skin: No first aid should be necessary.

Inhalation: No first aid should be necessary.

Ingestion: No first aid should be necessary.

### **SECTION 5 FIRE FIGHTING MEASURES**

Flash Point: Not applicable.

Autoignition Temp: Not applicable.

Flammability Limits: Not applicable.

Extinguishing Media: Carbon dioxide, water, water foam, dry chemical.

Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing. If large quantities of material are involved, evacuate area and fight fire from a safe distance.

Unusual Fire Hazards: Decomposition and combustion products may be toxic.

### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Spill response operations must be conducted in accordance with the provisions of 29 CFR 1910.120. Observe all recommendations identified in Sections 5 and 8.

Procedures: Sweep or pick up and place into containers for disposal.

### **SECTION 7 HANDLING AND STORAGE**

Handling: No special precautions.

Storage: No special precautions.

## **THERM-A-GAP A274**

### **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

The recommendations described in this section are provided as general guidance for minimizing exposure. Because usage conditions vary with customer applications, specific exposure controls should be developed by a person knowledgeable in the intended usage condition and equipment.

- Ventilation: Local exhaust ventilation is not required. However, if the product is processed in a manner that generates dusts, mists or fumes, provide ventilation to control airborne levels of Section 2 ingredients below their exposure limits.
- Eyes: Wear safety glasses with side shields if operations generate dust, particles, etc.
- Skin: Wash thoroughly after handling and before eating or smoking.
- Inhalation: Respiratory protection is not required. However, if the product is processed in a manner that generates dusts, mists or fumes, conduct air monitoring to assess the need for respiratory protection.

### **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

- Physical Form: Green solid article with aluminum foil.
- Specific Gravity: >1
- Boiling Point: Not applicable.
- Vapor Pressure (25°C): Not applicable
- Vapor Density: Not applicable.
- Solubility in Water: Insoluble.
- Volatile Content (Wt%): Negligible.

### **SECTION 10 STABILITY AND REACTIVITY**

- Chemical Stability: Stable.
- Hazardous Polymerization: Will not occur.
- Condition to Avoid: None known.
- Incompatibilities: None known.
- Hazardous Decomposition: Thermal decomposition and burning may produce carbon monoxide, carbon dioxide, silicon dioxide, metal oxides and traces of incompletely burned carbon products.

### **SECTION 11 TOXICOLOGY INFORMATION**

All available toxicology information has been provided in Section 3 of this document.

## **THERM-A-GAP A274**

### **SECTION 12 ECOLOGICAL INFORMATION**

No data on ecological effects is available.

### **SECTION 13 DISPOSAL INFORMATION**

Since regulations vary, consult applicable regulations or authorities before disposing of this material.

### **SECTION 14 TRANSPORTATION INFORMATION**

This product is not regulated as a hazardous material by the U.S. Department of Transportation.

### **SECTION 15 REGULATORY AND MISCELLANEOUS INFORMATION**

TSCA: All components of this product are listed on the TSCA inventory.

SARA 313 Chemicals: None

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